



# Chemically Protected Deployable Medical Systems (CP DEPMEDS)

## Key Requirements:

The purpose of the **Chemically Protected Deployable Medical Systems (CP DEPMEDS)** is to provide collective protection to the core components of DEPMEDS Combat Support Hospitals. The CP DEPMEDS will provide a clean, toxic free environmentally controlled patient treatment area necessary to sustain medical operations in a toxic environment in order to reduce casualties and enhance combat effectiveness.

## Description:

The program is a joint service effort with the US Army Soldier and Biological Chemical Command (SBCCOM)-Natick, MA as the lead material developer for the Army.

Integration efforts have resulted in a system that operates in NBC threat environments, accommodates an NBC casualty surge, and provides environmental control, while maintaining ability to resupply during a 72-hour mission. In addition, CP DEPMEDS provides for NBC protected water, low pressure alarms, and contains lavatory/latrine facilities for patients and staff.

The M28 Collective Protection Equipment (CPE) is used to collectively protect the TEMPER tents, passageways and ISO Shelters. The M28 consists of chemical warfare agent resistant liners, litter and ambulatory airlocks, 200 cfm motor blowers and filters. Environmental control is provided by using modified Field Deployable Environmental Control Units and Army Space Heaters.

## Status:

CP DEPMEDS underwent a successful Initial Operational Test and Evaluation August, 1997 at Fort Carson, CO, and Follow-on Operational Test and Evaluation at Fort Devens, Ayer, MA, August 3-6 1998. Milestone is scheduled for FY2002; sets are being assembled at Pin Buff Arsenal.

## Point of Contact:

### Collective Protection Liaison

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